

Converting Colors

$Yxy(58.1107, 0.3378, 0.2913)$

Have a look what the booklet for
Yxy(58.1107, 0.3378, 0.2913)
contains.

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Color

Yxy(58.1107, 0.3378, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	F6B6DA
RGB	246, 182, 218
RGB Percent	96%, 71%, 85%
CMY	0.0353, 0.2862, 0.1451
CMYK	0.00, 0.26, 0.11, 0.04
HSL	326°, 78%, 84%
HSV	326°, 26%, 96%
XYZ	67.3869, 58.1107, 73.9899
YIQ	205.2400, 26.5880, 24.7640

Conversions

Conversions Part 2

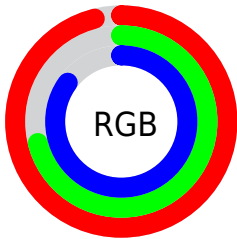
Format	Color
R _Y B	246, 182, 218
Decimal	16168666
CIE Lab	80.80, 28.60, -8.94
CIE LCh	81, 29.964, 342.649
Yxy	58.1107, 0.3378, 0.2913
Android (android.graphics.Color)	4294358746 (0xFFF6B6DA)
YUV	205.2400, 6.2907, 35.7465
Hunter-Lab	76.2304, 24.3890, -4.1862

Details

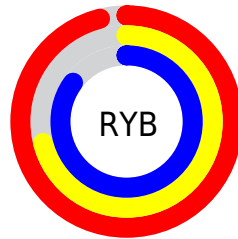
The Yxy color **58.1107, 0.3378, 0.2913** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.5089, 0.2937, 0.3701**, and the grayscale version is **61.1590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **28.9015, 0.3443, 0.2817** is the 20% darker color. If you saturate the color by 10%, you get **48.3610, 0.3509, 0.2763**, and if you desaturate by 10%, it is **69.6720, 0.3268, 0.3063**.

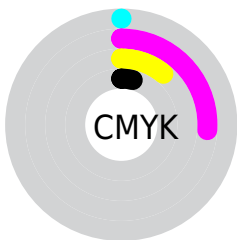
Distribution



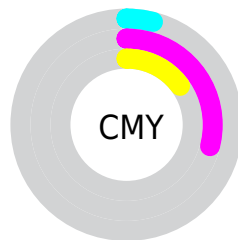
- Red (96%)
- Green (71%)
- Blue (85%)



- Red (96%)
- Yellow (71%)
- Blue (85%)



- Cyan (0%)
- Magenta (26%)
- Yellow (11%)
- Black (4%)





- Cyan (4%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1107, 0.3378, 0.2913 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 58.1107, 0.3378, 0.2913 by changing the saturation by 10% instead.


 58.1107, 0.3378,
0.2913

 58.1107, 0.3378,
0.2913


417.5983, 0.3260,
0.3089

 41.8977, 0.3405,
0.2873

 102.0840, 0.3337,
0.2974

 29.0212, 0.3440,
0.2822


130.6131, 0.3321,
0.2998

 19.0968, 0.3483,
0.2758


164.0164, 0.3307,
0.3018

 11.7403, 0.3541,
0.2675

202.6781, 0.3295,
0.3036

 6.5671, 0.3621,
0.2560

246.9828, 0.3285,
0.3052

 3.1929, 0.3739,
0.2393


297.3148, 0.3276,

 1.2332, 0.3930,


0.3066


0.2129


354.0585, 0.3267,
0.3078

 0.0886, 0.4914,
0.0556


 0.0000, 0.0000,
0.0000


 58.1107, 0.3378,
0.2913

 58.1107, 0.3378,
0.2913


 48.3610, 0.3509,
0.2763


 69.6720, 0.3268,
0.3063


 40.3218, 0.3661,
0.2618

 83.1236, 0.3175,
0.3207

 33.8940, 0.3834,
0.2489

 98.0324, 0.3099,
0.3336

 28.9650, 0.4027,
0.2386

 98.3321, 0.3072,
0.3290

■ 25.4076, 0.4232,
0.2323

■ 23.0731, 0.4443,
0.2310

■ 21.7773, 0.4648,
0.2352

■ 21.4371, 0.4729,
0.2379

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.1107, 0.2982, 0.2721



58.1107, 0.3378, 0.2913



58.1107, 0.3721, 0.3195

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.1107, 0.3378, 0.2913



58.1107, 0.3600, 0.3972



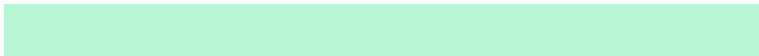
58.1107, 0.2415, 0.2990

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58.1107, 0.3378, 0.2913



80.5089, 0.2937, 0.3701

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.1107, 0.2559, 0.3348



58.1107, 0.3378, 0.2913



58.1107, 0.3234, 0.3952

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.1107, 0.3378, 0.2913



58.1107, 0.3848, 0.3799



58.1107, 0.2854, 0.3716



58.1107, 0.2447, 0.2747

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.1107, 0.3378, 0.2913



58.1107, 0.3861, 0.3406



58.1107, 0.2854, 0.3716



58.1107, 0.2444, 0.3101

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58.1133, 0.3378, 0.2913



87.1062, 0.3192, 0.3179



53.7761, 0.2877, 0.2585



18.1582, 0.3206, 0.3157



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.1133, 0.3378, 0.2913



57.4800, 0.3441, 0.2837



56.6085, 0.3648, 0.3246



16.6386, 0.3205, 0.3158



11.4714, 0.4697, 0.2361



1.0289, 0.4459, 0.2230

Inverse Universe

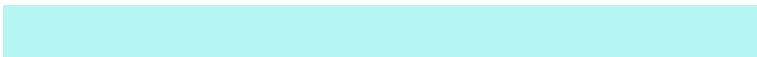
The Inverse Universe completely reimagines the original color for something new.



58.1133, 0.3378, 0.2913



57.4800, 0.3441, 0.2837



82.2498, 0.2768, 0.3336



16.6386, 0.3205, 0.3158



11.4714, 0.4697, 0.2361



1.0289, 0.4459, 0.2230

Previews

White Background



This preview shows how the Yxy color 58.1107, 0.3378, 0.2913 looks on a white background.

Color Contrast Check

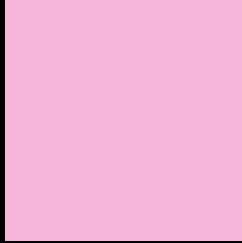
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 58.1107, 0.3378, 0.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

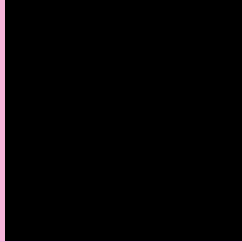
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1107, 0.3378, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 58.1107, 0.3378, 0.2913.



This preview shows how white text looks on a background with the Yxy color 58.1107, 0.3378, 0.2913.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

58.1107, 0.3378, 0.2913

Protanopia

58.2398, 0.2897, 0.2943

Deuteranopia

58.2842, 0.3123, 0.3052



Tritanopia

58.0545, 0.3515, 0.3141

Trichromacy



Original Color

58.1107, 0.3378, 0.2913



Protanomaly

57.8723, 0.3058, 0.2930



Deuteranomaly

58.0054, 0.3214, 0.2992



Tritanomaly

58.1497, 0.3466, 0.3057

Monochromacy



Original Color

58.1107, 0.3378, 0.2913



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.8013, 0.3213, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1107, 0.3378, 0.2913 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(246, 182, 218)` looks like.

```
.text, #text, p{  
    color:rgb(246, 182, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(246, 182, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 182, 218) }
```

Border

The CSS property to change the border of an element to Yxy 58.1107, 0.3378, 0.2913 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 182, 218) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(246, 182, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(246, 182, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 182, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 182, 218);  
box-shadow:4px 4px 4px 4px rgb(246, 182,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1107, 0.3378, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 182, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(246,  
182, 218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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